

Kwik Mix Trial Mixes
PML Ref.: 23HM023, Report: 18
January 13, 2025

KWIK MIX STONE MIX:

TABLE 1

Lab Batch Proportion and Plastic Properties:

Sample Name	Sample No.	Date Cast	Lab Batch Proportions		Measured Slump	Measured Air Content	Ambient Temperature	Concrete Temperature
			Stone Mix	Water				
KWIK MIX STONE MIX	2450608	September 9, 2024	1 Bag (30 Kg/Bag Approx.)	3.5 L	80	3.8%	25.0 °C	24.5 °C

TABLE 2

Lab Batch Compressive Strength:

Sample Name	Sample No.	Date Cast	COMPRESSIVE STRENGTH (Mpa) ¹							
			1 day		3 day		7 day		28 day	
			INDIVIDUAL	AVERAGE	INDIVIDUAL	AVERAGE	INDIVIDUAL	AVERAGE	INDIVIDUAL	AVERAGE
KWIK MIX STONE MIX	2450608	September 9, 2024	4.3	4.3	19.7	19.5	24.4	24.5	32.4	32.6
			4.3		19.3		25.4		32.7	

NOTES

- 1) Concrete compressive strength as per CSA A23.2 -9C using 100mm Dia Cylinder
- 2) Compressive strength test specimen cured by moist curing
- 3) Concrete slump measured as per CSA A23.2-5C
- 4) Air Content of Plastic Concrete as per CSA A23.2-7C